

**What is claimed is:**

1        1. A photocurable pigment type inkjet ink  
2        composition comprising:

3        5 to 95 wt% of water;

4        0.5 to 20 wt% of a pigment;

5        1 to 70 wt% of a photocurable component; and

6        0.0001 to 30 wt% of a reactive surfactant.

1        2. The photocurable pigment type inkjet ink  
2        composition as claimed in claim 1, wherein the reactive  
3        surfactant is photocurable.

1        3. The photocurable pigment type inkjet ink  
2        composition as claimed in claim 2, wherein the reactive  
3        surfactant contains a C=C double bond.

1        4. The photocurable pigment type inkjet ink  
2        composition as claimed in claim 3, wherein the C=C double  
3        bond is present at an end group of the molecule chain of  
4        the reactive surfactant.

1        5. The photocurable pigment type inkjet ink  
2        composition as claimed in claim 1, wherein the reactive  
3        surfactant has a hydrophilic hydrophobic balance (HLB)  
4        value of 8 to 16.

1        6. The photocurable pigment type inkjet ink  
2        composition as claimed in claim 5, wherein the reactive  
3        surfactant has a hydrophilic hydrophobic balance (HLB)  
4        value of 12 to 16.

1       7. The photocurable pigment type inkjet ink  
2       composition as claimed in claim 1, wherein the reactive  
3       surfactant is present in an amount of 0.5 to 15 wt%.

1       8. The photocurable pigment type inkjet ink  
2       composition as claimed in claim 1, wherein the composition  
3       has a surface tension of 20 to 65 mN/m.

1       9. The photocurable pigment type inkjet ink  
2       composition as claimed in claim 8, wherein the composition  
3       has a surface tension of 20 to 40 mN/m.

1       10. The photocurable pigment type inkjet ink  
2       composition as claimed in claim 1, wherein the reactive  
3       surfactant is a pigment dispersant for dispersing pigment  
4       particles.

1       11. The photocurable pigment type inkjet ink  
2       composition as claimed in claim 1, wherein the reactive  
3       surfactant is an emulsifier for emulsifying the  
4       photocurable component.

1       12. The photocurable pigment type inkjet ink  
2       composition as claimed in claim 1, further comprising 0.05  
3       to 15 wt% of a photoinitiator.

1       13. The photocurable pigment type inkjet ink  
2       composition as claimed in claim 12, wherein the reactive  
3       surfactant is an emulsifier for emulsifying the  
4       photocurable component and the photoinitiator.